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ABSTRACT

This book is designed to provide guidance and ideas for science projects to help students learn more about science as they search for answers to specific problems. The 20 topics on electricity in this book suggest many possible problems to solve. Each topic has one detailed experiment followed by a section that provides additional questions about the problem presented in the experiment. Topics include: how matter becomes electrically charged, how electricity produces movement, static electricity, lamps and lighting, charging materials, voltage, flow of electricity, electrical conductors, batteries, movement of current, flashlights, series circuits, parallel circuits, resistance, fuses, magnetism, effect of electric current on a compass, and magnets and electric currents. (JRH)

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